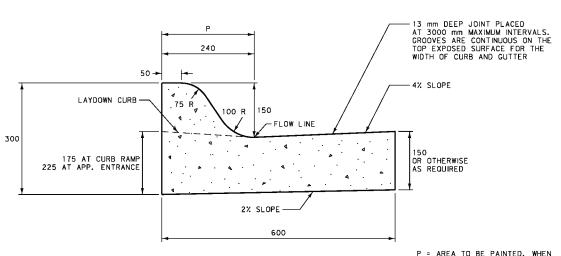


CONCRETE CURBS



PAINTED CURB IS REQUIRED

CURB & GUTTER SECTION O.110 m³ CONC. PER METER OF CURB FOR 150 mm GUTTER. *

JOINTS:

(A) WHEN INTEGRAL WITH, TIED TO, OR PLACED AGAINST PORTLAND CEMENT CONCRETE PAVEMENT (P.C.C.P.): MATCH TRANSVERSE CONTRACTION AND/OR EXPANSION JOINTS IN THE ADJACENT P.C.C.P. SLAB. IF REQUIRED, EXTEND 13 mm MIN. WIDTH PREFORMED EXPANSION JOINTS COMPLETELY THROUGH CURB AND GUITTER THE SAME WIDTH AS THE P.C.C.P. SLAB JOINT. FILL CURB AND GUITTER EXPANSION JOINTS WITH PREFORMED EXPANSION JOINT FILLER.

(B) ALL OTHER CASES: SPACE CONTRACTION JOINTS IN CURB AND GUTTER AT 3000 mm INTERVALS EXCEPT AS SPECIFIED IN (A) ABOVE.

(C) CONTRACTION JOINTS:
CONTRACTION JOINTS ARE 3 mm MIN. AND 10 mm MAX. IN
WIDTH. FORM JOINTS BY SAWING OR SCORING TO A MINIMUM
DEPTH OF 25 mm. FORM SCORED JOINTS BY A TOOL WHICH
WILL LEAVE ROUNDED CORNERS AND DESTROY AGGREGATE INTERLOCK TO A MINIMUM DEPTH OF 25 mm.

(D) OTHER JOINTS:
SEPARATE THE CURB AND GUTTER FROM ADJACENT SIDEWALK
AT POINTS SHOWN ON DTL. DWG. NO. 608-05 BY 13 mm
MIN. WIDTH OF PREFORMED EXPANSION JOINT MATERIAL.
PLACE PREFORMED EXPANSION JOINT MATERIAL AT ALL CURB RETURNS, BRIDGES, DROP INLETS, AND WHERE MEETING CURB

(E) USE PREFORMED EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STD. SPEC. 707.

RADII:

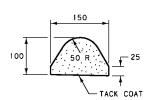
MINIMUM CURB RETURN RADII = 3050 mm. 4575 mm RADII ARE DESIRABLE FOR STREETS.

CONCRETE:

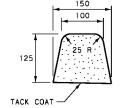
UNLESS OTHERWISE SPECIFIED, CONSTRUCT CONCRETE CURBS AND CONCRETE INTEGRAL CURB AND GUTTER WITH CLASS "D" CONCRETE OR APPROVED EQUAL.

* QUANTITIES FOR ESTIMATING PURPOSES ONLY.

BITUMINOUS CURBS



CURB SECTION 1 m³ OF MATERIAL WILL MAKE ABOUT 89 METERS OF CURB. *



CURB SECTION 1 m³ OF MATERIAL WILL MAKE ABOUT 64 METERS OF CURB. *

NOTES:

WHEN CURB IS USED IN CONJUNCTION WITH GUARDRAIL, USE THE 100 mm TYPE. OTHERWISE, THE CONTRACTOR MAY USE EITHER SECTION.

CONFORM ALL MATERIALS AND CONSTRUCTION TO THE STANDARD SPECIFICATIONS FOR BITUMINOUS CURB.

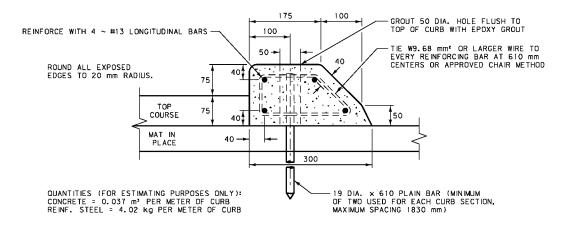
GRAVEL BASE IS INCLUDED IN THE SURFACING SECTION.

DETAILED DRAWING REFERENCE DWG. NO. STANDARD SPEC. 609-05 SECTION 609

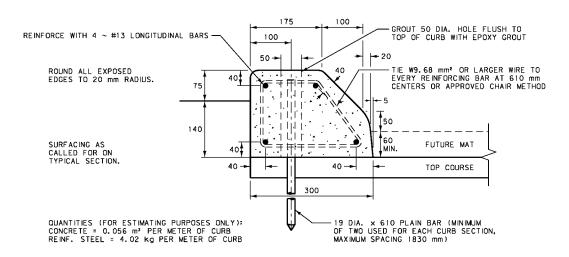
MISCELLANEOUS CURBS

ALL DIMENSIONS ARE MILLIMETERS (mm) UNLESS OTHERWISE NOTED. EFFECTIVE: AUGUST 1999





TYPE "A" - MAT IN PLACE



TYPE "B" - FUTURE MAT

CONSTRUCTION:

CURBS MAY BE CONSTRUCTED USING ANY OF THE FOLLOWING THREE METHODS:

- (1) PRECAST (2) CAST IN PLACE
- (3) CONSTRUCTED BY THE USE OF AN APPROVED CURB FORMING OR SLIP FORM MACHINE.

WHEN USING EITHER METHOD (2) OR (3), REINFORCING STEEL IS NOT REQUIRED, WITH THE EXCEPTION OF THE PINS, AND THE CURBS ARE SCORED OR SAWN TO A DEPTH OF 13 mm TO FORM CONTRACTION JOINTS AT INTERVALS OF 3000 mm OR LESS.

FORM PRECAST CURBS IN THEIR INVERTED POSITION, IN LENGTHS NOT LESS THAN 1220 mm, OR MORE THAN 3050 mm.

MATERIAL

CONSTRUCT CURBS OF CLASS "D" CONCRETE, OR AN APPROVED EQUIVALENT MIX.

EPOXY BINDER FOR GROUTING MUST MEET THE REQUIREMENTS OF AASHTO M 235 (ASTM C 881).

ALL DIMENSIONS ARE MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

DETAILED DRA	WING
REFERENCE	DWG. NO.
STANDARD SPEC. SECTION 609	609-10
ZECTION 603	
MEDIAN CONCRETE	CURBS
EFFECTIVE: AUGUST 1999	
MONTANA DEPARTMENT MONTANA OF TRANSPORTATION & CADD	

